## Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

EFS ID:

12274

Application ID:

09682421

METHOD AND APPARATUS FOR

**GENERATING** 

Title of Invention:

**ELECTROCARDIOGRAM** 

PRECORDIAL LEADS USING A

PRECORDIAL CENTRAL

**TERMINAL** 

First Named Inventor:

**Donald Brodnick** 

Domestic/Foreign Application:

**Domestic Application** 

Filing Date:

null

Effective Receipt Date:

2001-08-31

Submission Type:

**Utility Patent Filing** 

Filing Type:

new-utility

Confirmation Number:

0

Attorney Docket Number:

0391999526-0

cn=Raye Lynn Shaffer, ou=Registered Attorneys, ou=Patent and

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Total Fees Authorized:

\$1846.0

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CC - Credit Card

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### TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 0391999526-

0

# METHOD AND APPARATUS FOR GENERATING ELECTROCARDIOGRAM PRECORDIAL LEADS USING A PRECORDIAL CENTRAL TERMINAL

First Named Inventor: Donald E. Brodnick

SUBMITTED BY

Name:

Rave L. Shaffer

Registration Number:

37933

Electronic Signature Mark: /s/

Raye L. Shaffer

Date Signed: 20010831

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

#### Attached Files:

fee-transmittal

specification

declaration

declaration

bibd-transmittal

patent-assignment

epave00fee.xml

efs0391999526.xml

declar1.tif

declar2.tif

epave00apds.xml

epave00asgn.xml

Attached Image File(s):

declar1.tif

declar2.tif

### Comments:

The documents attached as part of this filing include: 1) the transmittal, 2) the specification (including six sheets of drawings), 3) the Declaration and Power of Attorney for Patent Application (two pages), 4) the application data sheet, 5) the fee transmittal, 6) Assignment transmittal, 7) Assignment (two pages). The document is filed by: Michael Best & Friedrich LLP (414) 271-6560.

### Declaration and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to name.

I believe I am the original, first and sole inventor of the subject matter which i claimed and for which a patent is sought on the invention entitled METHOD AND APPARATUS FOR GENERATING ELECTROCARDIOGRAM PRECORDIAL LEAD USING A PRECORDIAL CENTRAL TERMINAL (Attorney Docket No. 039199-9528 the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code Federal Regulations, §1.56.

And I hereby appoint Thomas A. Miller (Reg. No. 36,871), Christian G. Cabo (Reg. No. 35, 467), Michael A. Della Penna (Reg. No. 45,697), Phyllis Y. Price (Reg. No. 34, 234), Peter J. Vogel (Reg. No. 41,363); Jay L. Chaskin (Reg. No. 24,030), Ronald E. Myrick (Reg. No. 26, 315), Henry J. Polcinski (Reg. No. 26, 621), John C Bigler (Reg. No. 29,513), Glenn M. Massina (Reg. No. 40,081), Leon Nigohosian, J (Reg. No. 39,791), Christopher B. Austin (Reg. No. 41,592), David L. De Bruin (Reg. No. 35,489), Gerald L. Fellows (Reg. No. 36,133), Joseph A. Gemignani (Reg. No. 19,482), Gregory J. Hartwig (Reg. No. 46,761), Daniel S. Jones (Reg. No. 42,697), Richard L. Kaiser (Reg. No. 46,158), Timothy M. Kelley (Reg. No. 34,201), Casimir Laska (Reg. No. 30,862), Edward R. Lawson Jr. (Reg. No. 41,931), Craig J. Loest ( No. P-48,557), Richard H. Marschall (Reg. No. 39,290), Kevin P. Moran (Reg. No. 37,193), Thomas J. Otterlee (Reg. No. P-48,652), David R. Price (Reg. No. 31,557) Thomas S. Reynolds II (Reg. No. 45,262), Raye L. Shaffer (Reg. No. 47,933), Char Shea (Reg. No. P-48,470), Billie Jean Smith (Reg. No. 36,940), David B. Smith (Re No. 27,595), Derek C. Stettner (Reg. No. 37,945), Donald W. Walk (Reg. No. 29,11 Glen A. Weitzer (Reg. No. P-48,337), Sheldon L. Wolfe (Reg. No. 43,996), Jill A. Fahrlander (Reg. No. 42,518), Grady J. Frenchick (Reg. No. 29,018), Jeffrey D. Peterson (Reg. No. P-49,038), Sara Vinarov (Reg. No. P-48,524), Jeffrey S. Ward ( No. 32,774), Teresa J. Welch (Reg. No. 33,049), Charlene L. Yager (Reg. No. P-48,887), Louis Altman (Reg. No. 19,373), Robert S. Beiser (Reg. No. 28,687), Lisa Childs (Reg. No. 39,937), Charles A. Laff (Reg. No. 19,787), William A. Meunier (Reg. No. 19,787), William A No. 41,193), Larry L. Saret (Reg. No. 27,674), Martin L. Stern (Reg. No. 28,911), Bartin L. Stern (Reg. No. 28,911), Bart W. Sufrin (Reg. No. 27,398), Marshall W. Sutker (Reg. No. 19,995), Sean S. Swidle (Reg. No. P-49,033), Kevin C. Trock (Reg. No. 37,745), J. Warren Whitesei (Reg. N 16,830), Jane Wright-Mitchell (Reg. No. 47,187), and each or any of them, my attorneys or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connect therewith.

ADDRESS ALL COMMUNICATIONS IN OR PERTAINING TO THIS APPLICATION TO:

Thomas A. Miller Michael Best & Friedrich LLP 100 East Wisconsin Avenue Suite 3300 Milwaukee, WI 53202-4108

I hereby declare that all statements made herein of my own knowledge are to and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statement and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements ma jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: Donald E. Brognick

Inventor's signature \_

Date:

Residence:

Citizenship:

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22 - August - 200

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## **FEE TRANSMITTAL**

Electronic Version 1.0.4 Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1846** 

### BANK (CREDIT) CARD INFORMATION:

Credit Card Number:

6133

Expiration Date:

20010930

Authorized Name:

Thomas A. Miller

Billing Address:

53202

### **BASIC FILING FEE**

Fee Description	Fee Code	Fee Paid	
Utility Filing Fee	101	\$ 710	

Subtotal For Basic Filing Fee: \$710

### **EXTRA CLAIM FEES**

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 72	103	\$ 18	52	\$ 936
Independent Claims: 5	102	\$ 80	2	\$ 160

Subtotal For Extra Claims Fees: \$ 1096

### **ADDITIONAL FEES**

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40